

## **Session Program**

**18-22 Jun 2017**



### **2017 IEEE Pulsed Power Conference**

***Oral session 10 - Compact and Repetitive Pulsed Power Systems and NLTs - Session Chair : John Dolan***

Hilton Brighton Metropole Hotel  
Kings Road Brighton BN1 2FU United Kingdom

## Tuesday 20 June

15:00

### Oral session 10 - Compact and Repetitive Pulsed Power Systems and NTLs - Session Chair : John Dolan

**Session** | **Location:** Hilton Brighton Metropole Hotel, Stanmer

15:00-15:30

#### Electronic steering of radiation beam by phase control in the arrays of uncoupled nonlinear transmission lines and Cherenkov-type HPM oscillators

**Speaker**

Prof. Vladislav Rostov

15:30-15:45

#### Analysis of Nonlinear Gyromagnetic Line Operation Using LLG Equation\*

**Speaker**

Prof. Edl Schamiloglu

15:45-16:15

#### A Battery-Powered, 60-kJ, 6-RPS Rep-Rate Pulsed Power System

**Speaker**

Brett Huhman

16:15-16:30

#### HV Cables for Remotely Located Pulsed Magnetron Applications

**Speaker**

Mr Joe Hutley

16:30-16:45

#### Design of a 700-kV Modulator for High-Power Radiofrequency Sources above 200 GHz

**Speaker**

Alessandro Lampasi

16:45-17:00

#### Development of a solid-state high-voltage switch device for an insulation oil-filled klystron modulator

**Speaker**

Takahiro Inagaki

17:00-17:15

#### AN/TPS-43/70/75 Transmitter Modernization Kits

**Speaker**

Michael Kempkes

17:15-17:30

#### Research of compact repetitive pulsed power system based on Marx generator

**Speaker**

Shirong Hao

17:30